Product datasheet for RC220121L4V

Matrilin 4 (MATN4) (NM_003833) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Matrilin 4 (MATN4) (NM_003833) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Matrilin 4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003833
ORF Size:	1743 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220121).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_003833.2
RefSeq Size:	2335 bp
RefSeq ORF:	1746 bp
Locus ID:	8785
Cytogenetics:	20q13.12
Protein Families:	Secreted Protein
MW:	64 kDa

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Gene Summary:

This gene encodes a member of von Willebrand factor A domain-containing protein family. The proteins of this family are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This family member is thought to be play a role in reorganizing and regenerating the corneal matrix in granular and lattice type I dystrophies. It may also be involved in wound healing in the dentin-pulp complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]